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1 --47. The system of Claim 46 further comprising means for retrieving a piece of
2 music in said predetermined sequence not stored in said database from said remote music
3 source.--

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1 --48. The system of Claim 47, wherein said communications network comprises a
2 bridged network.--

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1 --49. A digital radio broadcast station, comprising:
2 a computer memory storing a database comprising a plurality of pieces of music;
3 a computer system, attached to the computer memory, for defining a predetermined
4 sequence of pieces of music to be broadcast by the digital radio broadcast station;
5 means for retrieving said predetermined sequence of pieces of music from said
6 database; and
7 means for broadcasting said predetermined sequence of pieces of music.--

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1 --50. A method for operating a music transmission system, comprising:
2 digitally storing, in a computer memory, a database comprising a plurality of pieces of
3 music;

4 defining a predetermined sequence of music, in a computer system attached to the
5 computer memory, to be transmitted by the music transmission system over a
6 communications link;
7 retrieving said predetermined sequence of music from said database; and
8 accessing a remote music source for music not stored in said database over a
9 communications network between said computer system and said remote music source.--

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1 --51. The method of Claim 50 further comprising retrieving a piece of music in said
2 predetermined sequence not stored in said database from said second music source.--

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1 --52. The method of Claim 50 further comprising establishing a communications
2 link between said computer system and a user so that the user communicates with said
3 music transmission system.--

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1 --53. The method of Claim 52 further comprising establishing a telephone link
2 between said computer system and said user.--

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1 --54. The method of Claim 53 further comprising receiving a request from said
2 user to request a piece of music to be played by said music transmission system over said
3 telephone network.--

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1 --~~55~~. The method of Claim 53 further comprising receiving a request from said
2 user, over said telephone link, to download a piece of music from said database to said
3 user.--

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1 --~~56~~. A method for operating a music transmission system, comprising:
2 digitally storing, in a computer memory, a database comprising a plurality of pieces of
3 music;
4 defining a predetermined sequence of music, in a computer system attached to the
5 computer memory, to be transmitted by the music transmission system over a
6 communications link;
7 retrieving said predetermined sequence of music from said database; and
8 providing a connection between the computer system and a communications
9 network so that a user communicates with the music transmission system.--

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1 --~~57~~. The method of Claim 56 further comprising selecting a piece of music, over
2 the communications network, by the user to be played by said music
3 transmission system.--

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1 --58. The method of Claim 57, wherein said communications network comprises
2 a telephone network.--

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1 --59. The method of Claim 57, wherein said communications network comprises
2 a cable television network.--

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1 --60. The method of Claim 56, further comprising selecting a piece of music,
2 over the communications network, to be transmitted to the user over the communications
3 network.--

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1 --61. The method of 60, wherein said communications network comprises a
2 telephone network.--

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1 --62. The method of 60, wherein said communications network comprises a
2 cable television network.--

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1 --63. A music transmission system, comprising:
2 a computer memory storing a database comprising a plurality of pieces of music;

3 a computer system, attached to the computer memory, for defining a predetermined
4 sequence of music to be transmitted by the music transmission system over a communications
5 link;

6 means for retrieving said predetermined sequence of music from said database; and
7 a connection between the computer system and a communications network so that
8 a user communicates with the music transmission system.--

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--64. The system of Claim 63 further comprising means for selecting a piece of
2 music, over the communications network, by the user to be played by said music
3 transmission system.--

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--65. The system of Claim 64, wherein said communications network comprises
2 a telephone network.--

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--66. The system of Claim 64, wherein said communications network comprises
2 a cable television network.--

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--67. The system of Claim 63, further comprising selecting a piece of music, over
2 the communications network, to be transmitted to the user over the communications
3 network.--

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1 --68. The system of Claim 67, wherein said communications network comprises
2 a telephone network.--

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1 --69. The system of Claim 67, wherein said communications network comprises
2 a cable television network.--

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1 --70. A music transmission system, comprising:
2 a computer memory storing a database comprising a plurality of pieces of music to be
3 transmitted by the music transmission system, said computer memory comprises a disk array;
4 and
5 a processor system, attached to the disk array, for defining a predetermined
6 sequence of pieces of music to be retrieved from the single database and transmitted by
7 the music transmission system.--

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1 --71. The system of Claim 70, wherein said disk array comprises a dual port
2 RAID disk array.--

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1 --72. A method for operating an audio on demand network, comprising:

2 digitally storing, in a computer memory within a computer system, a database
3 comprising a plurality of pieces of music;
4 providing a communications network between the computer system and a user so
5 that the user communicates with the computer system over the communications network
6 to select a piece of music;
7 retrieving from the database the selected piece of music; and
8 transmitting the selected piece of music to the user over the communications
9 network.--

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1 --73. The method of Claim 72, wherein said communications network comprises
2 a telephone network.--

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1 --74. The method of Claim 72, wherein said communications network comprises
2 a cable television network.--

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1 --75. An audio on demand network, comprising:
2 a computer system comprising a computer memory, said computer memory storing
3 a database comprising a plurality of pieces of music;